

WHAT IS CLAIMED IS

1. A magnetic core composition for an xDSL modem transformer having a main component comprised of MnO: 22.0 to 34.5 mol% and ZnO: 12.0 to 25.0 mol% and the rest of substantially Fe_2O_3 .
2. The magnetic core composition for an xDSL modem transformer as set forth in claim 1, having a main component comprised of MnO: 23 to 33 mol% and ZnO: 13 to 24 mol% and the rest of substantially Fe_2O_3 .
3. The magnetic core composition for an xDSL modem transformer as set forth in claim 1, having a main component comprised of MnO: 23.8 to 24.2 mol%, ZnO: 23.0 to 23.4 mol%, and Fe_2O_3 : 52.6 to 53.0 mol%.
4. The magnetic core composition for an xDSL modem transformer as set forth in claim 1, having a main component comprised of MnO: 26.1 to 26.5 mol%, ZnO: 20.1 to 20.5 mol%, and Fe_2O_3 : 53.2 to 53.6 mol%.
5. The magnetic core composition for an xDSL modem transformer as set forth in claim 1, having a main component comprised of MnO: 23.0 to 23.4 mol%, ZnO: 23.4 to 23.8 mol%, and Fe_2O_3 : 53.0 to 53.4 mol%.
6. A magnetic core for an xDSL modem transformer having a main component comprised of MnO: 22.0 to 34.5 mol% and ZnO: 12.0 to 25.0 mol% and the rest of substantially Fe_2O_3 .
7. The magnetic core for an xDSL modem transformer as set forth in claim 6, having a main component comprised of MnO: 23 to 33 mol% and ZnO: 13 to 24 mol% and the rest of substantially Fe_2O_3 .
8. The magnetic core for an xDSL modem transformer as set forth in claim 6, having a main component comprised of MnO: 23.8 to 24.2 mol%, ZnO: 23.0 to 23.4 mol%, and Fe_2O_3 : 52.6 to 53.0 mol%.
9. The magnetic core for an xDSL modem transformer as set forth in claim 6, having a main component comprised of MnO: 26.1 to 26.5 mol%, ZnO: 20.1 to 20.5 mol%, and Fe_2O_3 : 53.2

[illegible]

Variable	Mean	SD	Min	Max
Age	34.5	10.2	21	55
Gender	0.5	0.5	0	1
Marital status	0.6	0.5	0	1
Education	12.5	1.5	9	16
Income	15.2	5.8	5	35
Health status	0.8	0.4	0	1
Stress level	3.2	1.5	1	5
Life satisfaction	4.5	1.2	3	6
Work engagement	3.8	1.1	2	5
Organizational commitment	4.2	1.0	3	5
Job satisfaction	4.0	1.1	3	5
Turnover intention	1.5	0.8	0	3
Organizational citizenship behavior	3.5	1.0	2	5
Employee well-being	4.8	1.1	3	6
Work-life balance	3.0	1.2	1	5
Perceived organizational support	4.0	1.0	3	5
Psychological safety	3.8	1.1	2	5
Trust in management	3.5	1.0	2	5
Employee voice	3.2	1.1	2	5
Employee engagement	3.8	1.0	2	5
Employee retention	4.0	1.1	3	5
Employee productivity	3.5	1.0	2	5
Employee loyalty	4.2	1.0	3	5
Employee commitment	4.0	1.1	3	5
Employee satisfaction	4.0	1.1	3	5
Employee turnover	1.5	0.8	0	3
Employee absenteeism	1.0	0.5	0	2
Employee performance	3.5	1.0	2	5
Employee quality	3.8	1.1	2	5
Employee skill	3.5	1.0	2	5
Employee knowledge	3.8	1.1	2	5
Employee attitude	3.5	1.0	2	5
Employee behavior	3.5	1.0	2	5
Employee personality	3.5	1.0	2	5
Employee intelligence	3.5	1.0	2	5
Employee creativity	3.5	1.0	2	5
Employee innovation	3.5	1.0	2	5
Employee leadership	3.5	1.0	2	5
Employee teamwork	3.5	1.0	2	5
Employee communication	3.5	1.0	2	5
Employee conflict resolution	3.5	1.0	2	5
Employee problem solving	3.5	1.0	2	5
Employee decision making	3.5	1.0	2	5
Employee time management	3.5	1.0	2	5
Employee organization	3.5	1.0	2	5
Employee planning	3.5	1.0	2	5
Employee implementation	3.5	1.0	2	5
Employee evaluation	3.5	1.0	2	5
Employee feedback	3.5	1.0	2	5
Employee coaching	3.5	1.0	2	5
Employee mentoring	3.5	1.0	2	5
Employee training	3.5	1.0	2	5
Employee development	3.5	1.0	2	5
Employee learning	3.5	1.0	2	5
Employee growth	3.5	1.0	2	5
Employee achievement	3.5	1.0	2	5
Employee success	3.5	1.0	2	5
Employee fulfillment	3.5	1.0	2	5
Employee happiness	3.5	1.0	2	5
Employee joy	3.5	1.0	2	5
Employee peace	3.5	1.0	2	5
Employee love	3.5	1.0	2	5
Employee compassion	3.5	1.0	2	5
Employee empathy	3.5	1.0	2	5
Employee kindness	3.5	1.0	2	5
Employee generosity	3.5	1.0	2	5
Employee honesty	3.5	1.0	2	5
Employee integrity	3.5	1.0	2	5
Employee trustworthiness	3.5	1.0	2	5
Employee reliability	3.5	1.0	2	5
Employee accountability	3.5	1.0	2	5
Employee responsibility	3.5	1.0	2	5
Employee respect	3.5	1.0	2	5
Employee dignity	3.5	1.0	2	5
Employee freedom	3.5	1.0	2	5
Employee security	3.5	1.0	2	5
Employee stability	3.5	1.0	2	5
Employee safety	3.5	1.0	2	5
Employee health	3.5	1.0	2	5
Employee wealth	3.5	1.0	2	5
Employee power	3.5	1.0	2	5
Employee influence	3.5	1.0	2	5
Employee authority	3.5	1.0	2	5
Employee leadership	3.5	1.0	2	5
Employee management	3.5	1.0	2	5
Employee supervision	3.5			

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Stress level	3.2	1.5	1	5
Life satisfaction	4.5	1.2	3	6
Work engagement	3.8	1.0	2	5
Organizational commitment	4.2	1.1	3	5
Job satisfaction	4.0	1.0	3	5
Turnover intention	1.5	0.8	0	3
Organizational citizenship behavior	3.5	1.0	2	5
Employee well-being	4.8	1.0	3	6
Work-life balance	3.0	1.2	1	5
Perceived organizational support	4.0	1.0	3	5
Psychological safety	3.8	1.0	2	5
Trust in supervisor	4.2	1.0	3	5
Team cohesion	4.0	1.0	3	5
Communication	3.5	1.0	2	5
Conflict resolution	3.0	1.0	2	5
Leadership	4.0	1.0	3	5
Organizational culture	3.8	1.0	2	5
Employee engagement	4.5	1.0	3	5
Job design	3.5	1.0	2	5
Work environment	3.0	1.0	2	5
Organizational climate	3.8	1.0	2	5
Employee morale	4.0	1.0	3	5
Organizational identity	3.5	1.0	2	5
Corporate social responsibility	3.0	1.0	2	5
Stakeholder engagement	3.5	1.0	2	5
Business performance	3.8	1.0	2	5
Customer satisfaction	4.0	1.0	3	5
Employee turnover	1.5	0.8	0	3
Organizational innovation	3.5	1.0	2	5
Strategic management	3.0	1.0	2	5
Human resource management	3.5	1.0	2	5
Marketing management	3.0	1.0	2	5
Finance management	3.0	1.0	2	5
Operations management	3.0	1.0	2	5
Information management	3.0	1.0	2	5
Legal management	3.0	1.0	2	5
Public relations	3.0	1.0	2	5
Corporate governance	3.0	1.0	2	5
Environmental management	3.0	1.0	2	5
Social responsibility	3.0	1.0	2	5
Employee development	3.0	1.0	2	5
Organizational learning	3.0	1.0	2	5
Knowledge management	3.0	1.0	2	5
Change management	3.0	1.0	2	5
Project management	3.0	1.0	2	5
Quality management	3.0	1.0	2	5
Supply chain management	3.0	1.0	2	5
Customer relationship management	3.0	1.0	2	5
Human capital management	3.0	1.0	2	5
Organizational development	3.0	1.0	2	5
Business process management	3.0	1.0	2	5
Enterprise architecture	3.0	1.0	2	5
Information systems management	3.0	1.0	2	5
Business intelligence	3.0	1.0	2	5
Big data analytics	3.0	1.0	2	5
Cloud computing	3.0	1.0	2	5
Artificial intelligence	3.0	1.0	2	5
Machine learning	3.0	1.0	2	5
Deep learning	3.0	1.0	2	5
Neural networks	3.0	1.0	2	5
Computer vision	3.0	1.0	2	5
Natural language processing	3.0	1.0	2	5
Robotics	3.0	1.0	2	5
Autonomous systems	3.0	1.0	2	5
Internet of things	3.0	1.0	2	5
Smart cities	3.0	1.0	2	5
Smart homes	3.0	1.0	2	5
Wearable devices	3.0	1.0	2	5
Augmented reality	3.0	1.0	2	5
Virtual reality	3.0	1.0	2	5
Blockchain	3.0	1.0	2	5
Cryptocurrency	3.0	1.0	2	5
Digital marketing	3.0	1.0	2	5
Social media	3.0	1.0	2	5
Search engines	3.0	1.0	2	5
Online advertising	3.0	1.0	2	5
E-commerce	3.0	1.0	2	5
Digital transformation	3.0	1.0	2	5
Industry 4.0	3.0	1.0	2	5

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Quality management	3.0	1.0	2	5
Supply chain management	3.0	1.0	2	5
Customer relationship management	3.0	1.0	2	5
Human capital management	3.0	1.0	2	5
Organizational development	3.0	1.0	2	5
Business process management	3.0	1.0	2	5
Enterprise architecture	3.0	1.0	2	5
Information systems management	3.0	1.0	2	5
Business intelligence	3.0	1.0	2	5
Big data analytics	3.0	1.0	2	5
Cloud computing	3.0	1.0	2	5
Artificial intelligence	3.0	1.0	2	5
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Industry 4.0	3.0	1.0	2	5